

Q2a:

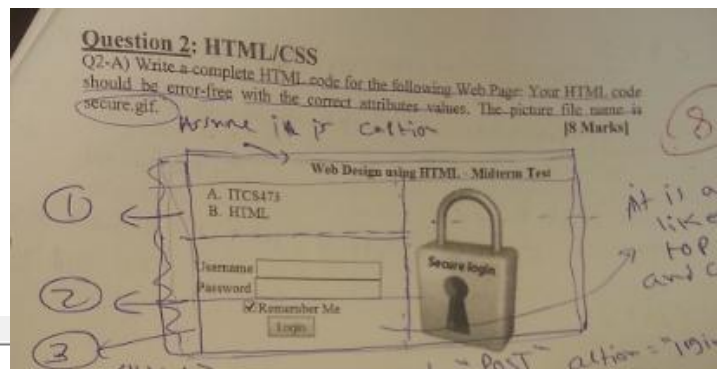
Web design using HTML - Mismatch Test

A. ITCS473
B. HTML

Username

Password

☒ Remember Me



```

1 <html>
2 <body>
3 <form method="post" action="login.php">
4 <table>
5 <caption>Web design using HTML - Mismatch Test</caption>
6 <tr>
7 <td>
8 <ol type="A">
9 <li>ITCS473</li>
10 <li>HTML</li>
11 </ol>
12 </td>
13 <td rowspan="3"></td>
14 </tr>
15 <tr>
16 <td>
17 Username <input type="text" name="un" size="20" maxlength="20"><br />
18 Password <input type="password" name="pass" size="8" maxlength="8">
19 </td>
20 </tr>
21 <tr>
22 <td colspan="2" valign="top" align="center">
23 <input type="checkbox" name="remember" checked="">Remember Me<br>
24 <input type="submit" name="s" value="Login">
25 </td>
26 </tr>
27 </table>
28 </form>
29 </body>
30 </html>

```

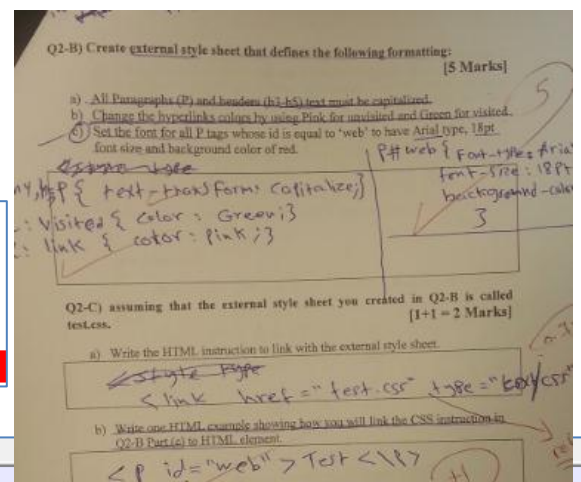
Q2b,2c:

This Paragraph Is Capitalized

This Header3 Is Capitalized

This Header5 Is Capitalized

This Paragraph Have Red Background And Arial Font Size 18pt



```

1 p,h3,h5
2 {
3     text-transform:capitalize;
4 }
5 a:visited {color:green}
6 a:link{color:pink}
7 p#web
8 {
9     font-family:Arial;
10    font-size:18pt;
11    background-color:red;
12 }

```

```

1 <html>
2 <head>
3 <link rel="stylesheet" type="text/css" href="q2b.css">
4 </head>
5 <body>
6 <p>this paragraph is capitalized</p>
7 <h3>this header3 is capitalized</h3>
8 <h5>this header5 is capitalized</h5>
9 <p id="web">This paragraph have red background and Arial font size 18pt</p>
10 </body>
11 </html>

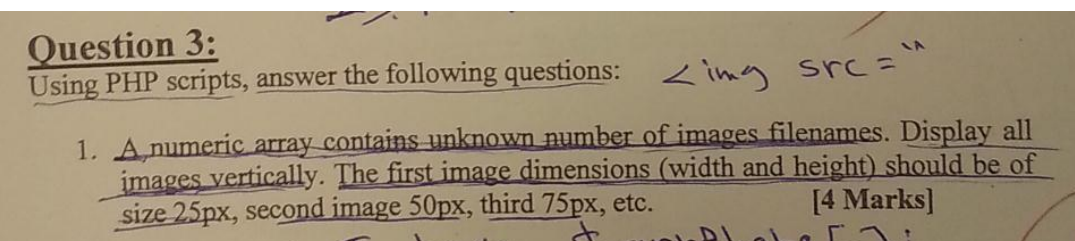
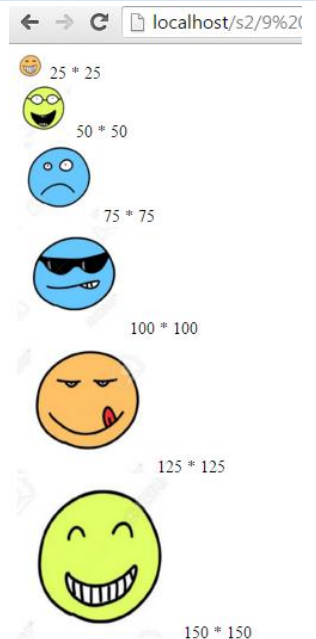
```

Q3-1:

```

1 <?php
2 $photos=array("1.jpg","2.jpg","3.jpg","4.jpg","5.jpg","6.jpg");
3 for($i=0;$i<count($photos);$i++)
4 {
5     $j=$i+1;
6     $size=25*$j;
7     echo "<img src='imgs/$photos[$i]' width='$size' height='$size'> $size * $size<br />";
8 }
9
10 <?>

```



Q3-2:

2. An associative array is stored in a session called houses. Each key in the array represents the houses' area name and its associative value contains a numeric array storing houses' prices of that particular area. Display area name, no. of houses and average house price for each house in HTML table as shown below:

Area	No. of Houses	Average House Price
East Riffa	123	189000.55
...

localhost/s2/9%20mid%20hc

Area	No. of Houses	Average House Price
East Riffa	3	2.3333333333333
Manamah	2	350000
Jidhafs	3	600000
Aali	1	700000

9 mid houses session.php

```

1  <?php
2  //this is just to create the session, to answer the question, it should not be here
3  //assume the session created from other page
4  session_start();
5  $houses=array
6  (
7      "East Riffa" => array(1,2,4),
8      "Manamah"   => array(300000,400000),
9      "Jidhafs"   => array(500000,600000,700000),
10     "Aali"      => array(700000)
11 );
12 $_SESSION['houses']=$houses;
13 //-----answer for question 3-2-----
14 if(!isset($_SESSION['houses']))
15     die("no session");
16
17 $arr=$_SESSION['houses'];
18
19 echo "<table border='1'>
20     <tr><th>Area</th><th>No. of Houses</th><th>Average House Price</th></tr>
21     ";
22 foreach($arr as $key=>$val)
23 {
24     $count=count($val);
25     $sum=0;
26     for($i=0;$i<$count;$i++)
27         $sum+=$val[$i];
28     $avg=$sum/$count;
29     echo "<tr><td>$key</td><td>$count</td><td>$avg</td></tr>";
30 }
31 echo "</table>";
32 ?>

```

Q3-3:

3. Assume you have the following HTML form:

```
<form method="POST" action="apple.php">
  <input type="checkbox" name="PRICE[]" value="2.5#SPANISH" /> Spanish
  Apple<br />
  .....
  <input type="checkbox" name="PRICE[]" value="1.9#SWEDEN" /> Sweden
  Apple<br />
  <input type="submit" name="BT" value="Find and Save Cheapest Selected Apple"
/>
  <input type="submit" name="BT" value="Display Saved Cheapest" />
</form>
```

The above form has unknown number of apples' checkboxes. Each checkbox store particular apple price and origin country separated by # character. A user can select any number of checkbox and clicks on one of the following button:

- Find and Save Cheapest Selected Apple Button:** display the cheapest price and its origin separately. Then save the cheapest in a cookie that expires in 3 days. The cookie value format is (PRICE#COUNTRY).
- Display Saved Cheapest button:** retrieve the value stored in the cookie and display the price and country name. Appropriate error message should be display if the cookie is no longer exists.

localhost/s2/10%20mid%20apples.php

☐ Spanish Apple
☒ Sweden Apple
☐ Bahraini Apple

Find and Save Cheapst Selected Apple Display Saved Cheapest

localhost/s2/10%20apple.php

you dont have cookie

localhost/s2/10%20ap

The cheapest is sweden with price = 1.9

localhost/s2/10%20apple.php

cookie: The cheapest is sweden with price = 1.9

```
10 mid apples.php 10 apple.php
1 <html>
2 <body>
3 <form method="POST" action="10 apple.php">
4   <input type="checkbox" name="price[]" value="2.5#spanish" /> Spanish Apple <br/>
5   <input type="checkbox" name="price[]" value="1.9#sweden" /> Sweden Apple <br/>
6   <input type="checkbox" name="price[]" value="5.9#bahraini" /> Bahraini Apple <br/>
7   <input type="submit" name="BT" value="Find and Save Cheapst Selected Apple" />
8   <input type="submit" name="BT" value="Display Saved Cheapest" />
9 </form>
10 </body>
11 </html>
```

```
1 <?php
2 if(!isset($_POST['price']))
3 {
4   die("You didnt choose any thing!");
5 }
6 else
7 {
8   extract($_POST);
9   if($BT=="Find and Save Cheapst Selected Apple")
10  {
11    //display the cheapest and origin - the list of chosen is in $price
12    // $price[1]=2.5#spanish if the first one chosen
13    $countchoices= count($price);
14    $smin=1000;
15    $sminorg="";
16    for($i=0;$i<$countchoices;$i++)
17    {
18      $priceorg=explode('#',$price[$i]);
19      if($priceorg[0]<$smin)
20      {
21        $smin=$priceorg[0];
22        $sminorg=$priceorg[1];
23      }
24    }
25    echo "The cheapest is ".$sminorg." with price = ".$smin;
26    //then save the cheapest in a cookie, value format price#country
27    $cheapest=$smin."#".$sminorg;
28    setcookie("cheapest",$cheapest,time()+3*24*60*60);
29  }
30  else if($BT=="Display Saved Cheapest")
31  {
32    if(!isset($_COOKIE['cheapest']))
33    {
34      die("you dont have cookie");
35    }
36    $priceorg=explode('#',$_COOKIE['cheapest']);
37    echo "cookie: The cheapest is ".$priceorg[1]." with price = ".$priceorg[0];
38  }
39 }
```


Question One: Multiple Choice Questions

[15 Marks]

1. A URL stands for:
- a. Universal Repository Locator
 - ☒ b. Uniform Resource Locator
 - c. Unified Resource Language
 - d. None of the above

2. HTML language is considered:
- a. Web Programming Language
 - ☒ b. Text Presentation Language
 - c. Data Modeling Language
 - ☒ d. None of the above

HyperText Markup Language

3. The <canvas> element in HTML5 is used to:
- a. define scalable graphics in XML format
 - b. create drag-able elements
 - ☒ c. draw graphics on the fly using JavaScript
 - d. Both (a) and (c)

4. In HTML 5, which of the following is used to provide auto complete feature using predefined list of values for input element?
- ☒ a. datalist element
 - b. autocomplete attribute
 - c. web storage
 - d. application cache

5. The style sheet that enables you to change the appearance and layout of all the pages in your Web at once is called:
- ☒ a. External Style Sheet
 - b. Internal Style Sheet
 - c. Inline Style Sheet
 - d. All of the above

6. The CSS3 @keyframes is used for:
- a. Creating 3D transformation
 - ☒ b. Creating animation sequence by changing the styles
 - c. Both (a) and (b)
 - d. None of the above

for Animation

7. In CSS3, to turns the element 50 degrees around the X-axis, and 10 degrees around the Y-axis, you should use:
- ☒ a. transform: skew(50deg,10deg);
 - b. transform: rotateXY(50deg,10deg);
 - c. transform: scale(50deg,10deg);
 - d. both (a) and (b)

8. All of the following can be used as Server Side Scripts except:
- Java Servlet
 - Ruby on Rails
 - Cold Fusion MX
 - ☒ d. Pascal
9. Which of the following is Valid?
- PHP runs on Windows, Linux and MAC
 - PHP is compatible with IIS and Apache Web Servers
 - PHP is Open Source technology
 - ☒ d. All of the above
10. The Internet network is controlled and operated under the following protocol:
- WAN
 - Internetworks
 - ☒ c. TCP/IP
 - d. HTTP
11. A user can't locate WebPages URLs without the use of:
- ☒ a. DNS servers
 - b. MIME
 - c. HTTP
 - d. All of the above
12. A browser uses _____ to download WebPages contents.
- ☒ a. HTTP
 - b. FTP
 - c. SNMP
 - d. NFS
13. HTML file formatted using CSS is an example of _____ web document.
- Active
 - Dynamic
 - Interactive
 - ☒ d. Static
14. HTTP POST method send data to the server as part of HTTP request header in:
- Address field
 - ☒ b. Request content
 - Host field
 - User-Agent field
15. HTTP has many response status codes, which of the following represent the code for forbidden WebPages or folder :
- 200
 - 401
 - ☒ c. 403
 - d. 206

plain HTML

method POST / --- header of http request
content: ---